The VAIO FZ is a 15.4" ² entertainment PC in the body of an incredibly thin-and-light notebook

POWERFUL PERFORMANCE

Roomy 200GB9 hard drive and 2GB (2GBx1) RAM.

Lightning-fast Intel® Centrino® Duo mobile technology and super-powerful Intel® Core™ 2 Duo processor T7300 (2GHz³).

Windows Vista® Home Premium is easy-to-use and delivers new security and entertainment features.

EXCEPTIONAL MOBILITY FEATURES

802.11a/b/g/n wireless LAN technology³ offers a massive boost in wireless connection speed and range.

Thin-and-light notebook with incredible 15.4" widescreen display² and XBRITE-ECO™ LCD technology.

Magnesium alloy makes for a remarkably lightweight and durable chassis.

ENTERTAINMENT AND COMMUNICATION MADE EASY

Built-in AV Controls let you control your music, pictures and movies with the push of a button.

A/V instant mode lets kick off your entertainment without ever booting-up the operating system.

XBRITE-ECO™ LCD technology delivers razor-sharp details and bold colors while conserving battery life.

Built-in camera lets you participate in video chats and conferencing⁵.

Backup your media and store data with integrated CD/DVD burner⁴.

The VAIO® FZ is a thin-and-light entertainment notebook featuring a 15.4" widescreen LCD² with XBRITE-ECO™ technology and embedded A/V controls for one touch access to your music, movies and pictures. With a built-in camera and microphone for video messaging⁵ and CD/DVD burner⁴, this lightning-fast, super-powerful PC is slim, lightweight, and packed with entertainment features.























VGN-FZ190E/B VAIO® FZ Series Notebook PC

Specifications

General

ComputerType: Notebook Type of Use: Portable

Action Buttons: S1, (programmable), Volume, AV Mode¹⁵, Play/Pause, and Stop Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 82 keys with 2mm stroke and 19.05mm pitch

Camera: Built-in camera and microphone

Processor

Type: Intel®Core™ 2 Duo Processor T7300

Speed: 2GHz8

Front Side Bus Speed: 800MHz L2 Cache: 4MB Advanced Smart Cache Technology: Intel® Centrino® Duo processor Technology

Memory

Type: DDR2

Installed: 2GB PC2-5300 (2GB x 1)

Maximum: 4GB Speed: 667MHz

Hard Drive

Capacity: 200GB9 Speed: 4200rpm Interface: Serial ATA

Optical Drive #1

DVD+RDL Write: 4x max. DVD+RWrite: 8x max. DVD+RWWrite: 8x max. DVD-RWrite: 8x max. DVD-RWWrite: 6x max. CD-RWrite: 24x max CD-RWWrite: 16x max

DVD±RW: Yes4 (DVD±R DL/DVD±RW/DVD-RAM)

CDRead: 24x max. DVDRead: 8x max DVD-RAMWrite: 5x max. DVD-R DL Write: 4x max. DVD-RAMRead: 5x max.

Expansion Slots

 $Multimedia\,Card\,Reader:\,One\,Memory\,Stick\,Duo^{\text{\tiny{M}}}$ media with MagicGate® functionality One ExpressCard™ /34 Slot One Secure Digital Media (SD)

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WXGA LCD Screen Size: 15.4"2

Resolution: 1280 x 800 XBRITE-ECO™ Technology: Yes

Processor: Mobile Intel® Graphics Media Accelerator X3100

Video RAM: 358MB Total Available Graphics Memory¹¹

Chipset: Intel® 965GM

Interface: VGA and S-Video Out with Smart Display Sensor

Inputs and Outputs

EthernetPort: 1 Headphone Jack: 1

Memory Stick® Media Slot: 1

ModemJack: 1 Secure Digital Slot: 1 Microphone Input: 1 S-Video Output(s): 1 USBPort(s): 3 (2.0 compliant)

VGAOutput(s): 1 DC-In: 1

Express Card™ Slot: 1 type /34 i.LINK®Connection: 1(4-pin) interface7

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)

Ethernet Speed: 10Base-T/100Base-TX

ModemType: Integrated V.92/V.90 Modem (RJ-11) Wireless LAN: Intel® PRO/Wireless 4965 AGN Network Connection (802.11a/b/g/n)3

Bluetooth® Technology: Integrated Bluetooth® Technology¹⁶

Battery Type: Standard Lithium-ion Battery (VGP-

Estimated Battery Life: 2 to 4 hrs6 PowerRequirements: 110W+10%

Software

Operating System: Windows Vista® Home Premium Internet Services: AOL® 90-Day Risk Free Trial - New Users Only

SuppliedSoftware: Microsoft®Works 8.5 60-Day Trial Version of Microsoft® Office 2007¹⁰

Sony®Original Software: Click to DVD® - DVD Creation

LocationFree®PlayerSoftware

*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials

Security and Anti-Virus Software: Norton® Internet Security™ 2007 60-Day trial with spyware protection

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7¹³

Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service 12

Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 5.75 lbs.1

Measurements: 14"(W) x 0.98-1.4"(H) x 10.02"(D)1

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS8) AC adapter(VGP-AC19V19)

Power Cord

Optional Accessories

Large Capacity Lithium-ion Battery (VGP-BPL8)

AC Adapter (VGP-AC19V10)

Stick AC Adapter (VGP-AC19V21)

USB Laser Mouse (VGP-UMS55/B)

USB Laser Mouse (VGP-UMS55/S)

Neoprene Notebook and AC Adapter Case (VGP-AMC3)

All-in-one 2.1 Channel Speaker (VGP-SP100)

Sport Backpack (VGP-CCP4/L) Urban Messenger Bag (VGP-AML2)

Color: Sliver w/Black Keyboard

UPCCode: 027242726840

- Non-metric weights and measures are approximate and may vary.
 Viewable area measured diagonally.
 Requires 80211n compatible access point. Some functionality may require Internet services, which may require a fee.
- 4. DVD media/formats are not universally compatible.
 5. Broadband internet service required along with third party services which may require a subscription or other service fee.
- 6. Actual battery life will vary based on product settings, usage patterns,
- battery and environmental conditions.

 7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connect may not communicate with each other.
- 8. GHz denotes microprocessor internal clock speed: other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
- Certain operating Conditions.

 Or GB means one billion bytes when referring to hard drive capacity.

 Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.

 10. The Microsoft Office 2007 60-Day Trial software is intended for
- evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software: activation requires Internet access. This software has an software, activation requires internet access. In a software least at expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting enduse options and operations.
- 11. Total Available Graphics Memory refers to the new Windows Vista™ classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and
- system Memory via res depending on the operating Contation and system memory size.

 12. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all lorations. be available in all locations.
- be available in all locations.

 3. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.

 14. As with other optical media devices, circumstances may limit compatibility or prevent Bluray Disc** media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit takes.

- or VC1 formats at high bit rates.

 15. A/V Instant Mode not available with Bluray option.

 16. Use of this Bluetooth enabled product with other devices may vary as not all Bluetooth devices are compatible

Computer Interface: The computer industry lacks standards, and therefore, Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony expressnatives or Sony authorized dealers may be able to assist you and representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice.

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